

#VIN2022

#vidzememainās

#simbioze

#inovācija



PIEDALIES MŪSU
PASĀKUMĀ **ViN22**
IETVAROS

“IESKATS APVĀRSNIS EIROPĀ”

23.Feb.
11:00 – 13:00



Jūlija Asmuss, Dr.sc.ing.
Nacionālā kontaktpunkta
vecākā eksperte
julija.asmuss@lzp.gov.lv

11:00 - 11:15

IESKATS ES PĒTNIECĪBAS UN INOVĀCIJU
ATBALSTA PROGRAMMĀ #APVĀRSNIS EIROPA

11:15 - 11:30

IESKATS 4.KLASTERĪ – DIGITĀLĀ JOMA,
RŪPNIECĪBA UN KOSMOSS

11:30 - 11:45

IESKATS JURIDISKOS UN FINANŠU JAUTĀJUMOS

11:45 - 12:00

EUREKA KLASTERI UN INNOVATIVE SME

12:00 – 13:00

IESKATS EIROPAS INOVĀCIJU PADOMĒ

APVĀRSNIS
EIROPA

#NKP



Latvijas Zinātnes
padome

NACIONĀLAIS
ATTĪSTĪBAS
PLĀNS 2020



EIROPAS SAVIENĪBA
Eiropas Reģionālās
attīstības fonds

IEGULDĪJUMS TAVĀ NĀKOTNĒ

«APVĀRSNIS EIROPA» STRUKTŪRA



video: <https://enspire.science/getting-ready-for-horizon-europe-video-series-part-2-pillar-structure/>

APVĀRSNIS
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DARBA PROGRAMMA



EN

Horizon Europe

Work Programme 2021-2022

7. Digital, Industry and Space

darba programma: https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/wp-call/2021-2022/wp-7-digital-industry-and-space_horizon-2021-2022_en.pdf

papildus informācija: https://ec.europa.eu/info/horizon-europe/cluster-4-digital-industry-and-space_en

DIGITAL, INDUSTRY & SPACE



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DESTINATION 1

CLIMATE NEUTRAL,
CIRCULAR AND
DIGITISED PRODUCTION

DESTINATION 2

INCREASED AUTONOMY
IN KEY STRATEGIC
VALUE CHAINS FOR
RESILIENT INDUSTRY

DESTINATION 3

WORLD LEADING DATA
AND COMPUTING
TECHNOLOGIES

DESTINATION 4

DIGITAL AND EMERGING
TECHNOLOGIES FOR
COMPETITIVENESS AND
FIT FOR THE GREEN
DEAL

DESTINATION 5

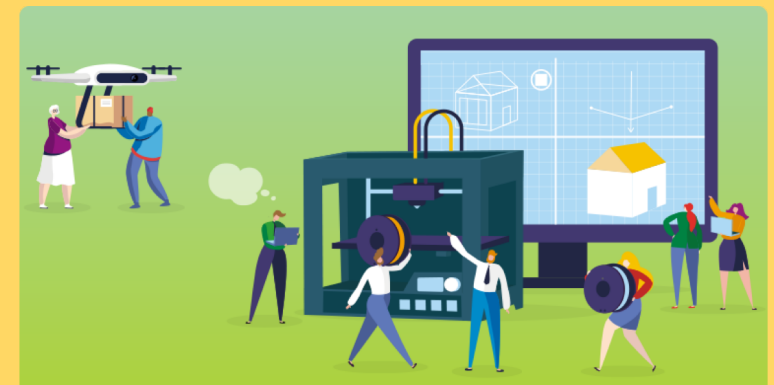
OPEN STRATEGIC
AUTONOMY IN
DEVELOPING,
DEPLOYING AND USING
GLOBAL SPACE-BASED
INFRASTRUCTURE,
SERVICES,
APPLICATIONS AND
DATA

DESTINATION 6

A HUMAN-CENTRED AND
ETHICAL DEVELOPMENT
OF DIGITAL AND
INDUSTRIAL
TECHNOLOGIES

TEHNOLOĢIJAS

- Ražošanas tehnoloģijas
- Progresīvi materiāli
- Nākamās paaudzes internets
- Aprites nozares
- Kosmoss, tostarp zemes novērošana
- Jaunās pamattehnoloģijas
- Digitālās pamattehnoloģijas, tostarp kvantu tehnoloģijas



papildus informācija: https://ec.europa.eu/info/sites/info/files/research_and_innovation/funding/documents/ec_rtd_horizon-europe-strategic-plan-2021-24.pdf

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PROJEKTU TIPI

Type	Activities	Financing rate
RIA (Research and Innovation Actions)	Activities to establish new knowledge or to explore the feasibility of a new or improved technology, product, process, service or solution.	Up to 100%
IA (Innovation Actions)	Activities to produce plans and arrangements or designs for new, altered or improved products, processes or services.	*Up to 70%
CSA (Coordination and Support Actions)	Activities that contribute to the objectives of Horizon Europe. This excludes R&I activities, except for 'Widening participation and spreading excellence'.	Up to 100%



* the rate is 70 percent for profit-making legal entities and 100 percent for non-profit legal entities



TEHNOLOĢIJU GATAVĪBAS LĪMENIS

Level	Description
TRL 1	basic principles observed
TRL 2	technology concept formulated
TRL 3	experimental proof of concept
TRL 4	technology validated in lab
TRL 5	technology validated in relevant environment (industrially relevant environment in the case of key enabling technologies)
TRL 6	technology demonstrated in relevant environment (industrially relevant environment in the case of key enabling technologies)
TRL 7	system prototype demonstration in operational environment
TRL 8	system complete and qualified
TRL 9	actual system proven in operational environment (competitive manufacturing in the case of key enabling technologies; or in space)



D3: WORLD LEADING DATA AND COMPUTING TECHNOLOGIES

Opening date: 23 November 2021 Deadline: 5 April 2022



Topic	Type of action, TRL	EU contribution per project (EUR million)	Number of projects to be funded
HORIZON-CL4-DATA-2022-01-01 Methods for exploiting data and knowledge for extremely precise outcomes (analysis, prediction, decision, support), reducing complexity and presenting insights in understandable way	RIA TRL 2-3/TRL 4-5	8-12	3
HORIZON-CL4-DATA-2022-01-02 Cognitive Cloud: AI-enabled computing continuum from Cloud to Edge	RIA TRL 2/TRL 5	4-6	10
HORIZON-CL4-DATA-2022-01-03 Programming tools for decentralised intelligence and swarms	RIA TRL 2/TRL 5	4-8	5
HORIZON-CL4-DATA-2022-01-04 Technologies and solutions for data trading, monetizing, exchange and interoperability	IA TRL 4/TRL 7	10-13	4
HORIZON-CL4-DATA-2022-01-05 Extreme data mining, aggregation and analytics technologies and solutions	RIA TRL 3/TRL 5	5	6

papildus informācija: <https://www.youtube.com/watch?v=SevWyhwaEwE>



D4: DIGITAL AND EMERGING TECHNOLOGIES FOR COMPETITIVENESS AND FIT FOR THE GREEN DEAL



Opening date: 21 December 2021 **Deadline:** 5 April 2022

Topic	Type of action, TRL	EU contribution per project (EUR million)	Number of projects to be funded
HORIZON-CL4-DIGITAL-EMERGING-2022-01-26 Open source for cloud-based services	RIA TRL 4/TRL 7	4-6	4
HORIZON-CL4-DIGITAL-EMERGING-2022-01-38 International cooperation in semiconductors	CSA	3	1
HORIZON-CL4-DIGITAL-EMERGING-2022-01-03 Advanced multi-sensing systems	RIA TRL 2/TRL 5	3-5	10
HORIZON-CL4-DIGITAL-EMERGING-2022-01-30 European Enabling technologies for Beyond 5G/6G RAN disaggregated architectures	RIA TRL 2-3/TRL 4-5	13	1
HORIZON-CL4-DIGITAL-EMERGING-2022-01-39 Ultra low energy and secure networks	RIA TRL 2-3/TRL 6	13	1

papildus informācija: <https://www.youtube.com/watch?v=4NtbWbUKyhU>



D4: DIGITAL AND EMERGING TECHNOLOGIES FOR COMPETITIVENESS AND FIT FOR THE GREEN DEAL



Opening date: 21 December 2021 **Deadline:** 5 April 2022

Topic	Type of action, TRL	EU contribution per project (EUR million)	Number of projects to be funded
HORIZON-CL4-DIGITAL-EMERGING-2022-01-05 AI, data and robotics for industry optimisation (including production and services)	IA TRL 3-5/TRL 6-7	3-5	5
HORIZON-CL4-DIGITAL-EMERGING-2022-01-06 Pushing the limit of physical intelligence and performance	RIA TRL 2-3/TRL 4-5	4	7
HORIZON-CL4-DIGITAL-EMERGING-2022-01-07 Increased robotics capabilities demonstrated in key sectors	IA TRL 3-5/TRL 6-7	6	6
HORIZON-CL4-2022-DIGITAL-EMERGING-01-35 Advanced characterisation methodologies to assess and predict the health and environmental risks of nanomaterials	RIA TRL 3/TRL 5	2-3	5

papildus informācija: <https://www.youtube.com/watch?v=4NtbWbUKyhU>



D4: DIGITAL AND EMERGING TECHNOLOGIES FOR COMPETITIVENESS AND FIT FOR THE GREEN DEAL



Opening date: 16 June 2022 Deadline: 16 November 2022

Topic	Type of action, TRL	EU contribution per project (EUR million)	Number of projects to be funded
HORIZON-CL4-DIGITAL-EMERGING-2022-02-17 New generation of advanced electronic and photonic 2D materials-based devices, systems and sensors	RIA TRL 3/TRL 5	16,5	1
HORIZON-CL4-DIGITAL-EMERGING-2022-02-18 2D materials-based devices and systems for energy storage and/or harvesting	RIA TRL 3/TRL 4-5	9	1
HORIZON-CL4-DIGITAL-EMERGING-2022-02-19 2D materials-based devices and systems for biomedical applications (RIA)	RIA TRL 3/TRL 4-5	6	1
HORIZON-CL4-DIGITAL-EMERGING-2022-02-20 2D-material-based composites, coatings and foams	IA TRL 4-5/TRL 6-7	9	7
HORIZON-CL4-DIGITAL-EMERGING-2022-02-22 Supporting the coordination of the Graphene Flagship projects	CSA	3	6

papildus informācija: <https://www.youtube.com/watch?v=4NtbWbUKyhU>



D6: A HUMAN-CENTRED AND ETHICAL DEVELOPMENT OF DIGITAL AND INDUSTRIAL TECHNOLOGIES

Opening date: 21 December 2021 Deadline: 5 April 2022



Topic	Type of action, TRL	EU contribution per project (EUR million)	Number of projects to be funded
HORIZON-CL4-HUMAN-2022-01-01 AI for human empowerment	RIA TRL 2-3/TRL 4-5	4	4
HORIZON-CL4-HUMAN-2022-01-02 European Network of AI Excellence Centres: Expanding the European AI lighthouse	RIA TRL 2-3/TRL 4-5	11,5	3
HORIZON-CL4-HUMAN-2022-01-03 Internet architecture and decentralised technologies	RIA	11	2
HORIZON-CL4-HUMAN-2022-01-05 Next Generation Safer Internet: Technologies to identify digital Child Sexual Abuse Material (CSAM)	RIA TRL 3/TRL 7	2	1
HORIZON-CL4-HUMAN-2022-01-07 NGI International Collaboration - USA and Canada	RIA	6	1
HORIZON-CL4-HUMAN-2022-01-14 eXtended Reality Technologies	RIA TRL 2-3/TRL 4-5	5-8	3
HORIZON-CL4-HUMAN-2022-01-19 eXtended Reality Learning - Engage and Interact	IA TRL 4/TRL 6-7	5-8	3

papildus informācija: <https://www.youtube.com/watch?v=x65cn1Lq090>



KUR MEKLĒT KONKURSUS?



European Commission | Funding & tender opportunities | Single Electronic Data Interchange Area (SEDIA)

English | Register | Login

SEARCH FUNDING & TENDERS | HOW TO PARTICIPATE | PROJECTS & RESULTS | WORK AS AN EXPERT | SUPPORT

Horizon Europe (HORIZON)

clear filter

Type your Keywords...

☒ Match whole words only

☒ GRANTS ☒ TENDERS

Submission status

☒ Forthcoming ☒ Open for submission (3) ☐ Closed

2021 - 2027 (5)

Horizon Europe (HORIZON)

Programme part

Digital, Industry and Space

Mission

Select a Mission...

Destination

World leading data and computing technologies (5)

Funding and tenders (5)

Need help? | Sort by: Submission status

Grant Methods for exploiting data and knowledge for extremely precise outcomes (analysis, prediction, decision support), reducing complexity and presenting insights in understandable way (RIA)

Open for submission

Programme	Horizon Europe (HORIZON)	Deadline model	single-stage
ID	HORIZON-CL4-2022-DATA-01-01	Opening date	23 November 2021
Types of action	HORIZON Research and Innovation Actions	Deadline date	05 April 2022 17:00:00 Brussels time

Grant Cognitive Cloud: AI-enabled computing continuum from Cloud to Edge (RIA)

Open for submission

Programme	Horizon Europe (HORIZON)	Deadline model	single-stage
ID	HORIZON-CL4-2022-DATA-01-02	Opening date	23 November 2021
Types of action	HORIZON Research and Innovation Actions	Deadline date	05 April 2022 17:00:00 Brussels time

Grant Technologies and solutions for data trading, monetizing, exchange and interoperability (AI, Data and Robotics Partnership) (IA)

Open for submission

Programme	Horizon Europe (HORIZON)	Deadline model	single-stage
ID	HORIZON-CL4-2022-DATA-01-04	Opening date	23 November 2021
Types of action	HORIZON Innovation Actions	Deadline date	05 April 2022 17:00:00 Brussels time

Grant Programming tools for decentralised intelligence and swarms (RIA)

Open for submission

portāls: <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search>

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KUR MEKLĒT PARTNERUS?

Horizon Europe (HORIZON)

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Partner search

Search by keyword, name... [Search](#)

☒ Organisations ☒ Persons [Advanced search ^](#)

Programme / Topic

Programme: Horizon Europe (HORIZON) (2)

Topic: HORIZON-CL4-2022-DATA-01-01 (2)

Location

Country: Select a Country...

City: Type a City...

Organisation

Organisation type: Select an Organisation type...

Person profile

Professional profile: Select a Professional profile...

☒ Profiles with published Partner search announcements (2)

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/partner-search>

Partner search

<https://www.ideal-ist.eu/partner-search-home>

[Home](#) > [Partner search](#)

Displaying 1 - 50 of 12899

Organisation name

Topic ID

Partner search type

 - Any -

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Date between

And

Quality labeled

 - Any -

Country

 - Any -

PROGRAMMAS CEĻVEDIS



Horizon Europe

Programme Guide

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https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/guidance/programme-guide_horizon_en.pdf



PAPILDUS INFORMĀCIJA



Cluster 4 - Digital, Industry & Space



Horizon Europe Info Days 2021

The EU Research & Innovation Programme 2021 -2027

Digital, Industry and Space info days

Datumi: 29.11.2021.-01.12.2021.

Video ieraksti: https://ec.europa.eu/info/research-and-innovation/events/upcoming-events/horizon-europe-info-days/cluster-4_en



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PALDIES PAR UZMANĪBU!

jaunumi: <https://lzp.gov.lv/starptautiskas-sadarbibas-programmas/apvarsnis-eiropa/>

informatīvie materiāli: <https://lzp.gov.lv/starptautiskas-sadarbibas-programmas/apvarsnis-eiropa/pasakumu-informativie-materiali/>

kontakti: <https://lzp.gov.lv/starptautiskas-sadarbibas-programmas/apvarsnis-eiropa/nacionalais-kontaktpunkts/>

